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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/911,690	07/25/2001	Akinori Takeo	35.C15588	3999

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EXAMINER
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EBRAHIMI DEHKORDY, SAEID

ART UNIT	PAPER NUMBER
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2626

DATE MAILED: 07/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	09/911,690	TAKEO ET AL	
	Examiner	Art Unit	
	Saeid Ebrahimi-dehKordy	2626	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-49 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 July 2001 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. ____   |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>2/28/03, 4/18/02</u>  | 6) <input type="checkbox"/> Other: ____                                     |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claim1-3, 5-8, 10-16, 18-19, 21-22 and 24-49 are rejected under 35 U.S.C. 102(e) as being anticipated by Takagi et al (Pub. No.: US 20040223177)

Regarding claim 1, 6, 30 and 35 Takagi et al disclose: A system for processing a job (Fig.1 items 1, 2 and 3 the network, the copier, and the pc respectively) generated in an information processing apparatus (note Fig.1 item 3 the pc) in a peripheral device (Fig.1 item 2 the copier) the system comprising: request means for requesting (note Fig.10 the window configuration of management utility which will be displayed on the client machine, page 4 paragraph 0078-0080) from the information processing apparatus (the client 3 of Fig.1) to the peripheral device (the copier 2 of Fig.1) information indicating a condition designatable in the job as a start condition of the peripheral device for starting the processing of the job (note page 4 paragraph 0080 where the selected mode, for example, the print job mode is selected or in this case requested by the client 3) transmission means for transmitting from the peripheral device to the information processing apparatus (note Fig.11, page 4 paragraph 0084

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where the window for managing private print job is displayed as transmission means to communicate with the client 3) information indicating a condition designatable as said start condition

in response to the request from the information processing apparatus (note Fig.11, page 4 paragraph 0084 where user gets prompted to input his or her user name and password as the starting condition for the copier 2) display control means for displaying the condition designatable as said start condition on a display unit of the information processing apparatus (note again Fig.11, paragraph 0083 lines 1-5, where the designated conditions such as user name and password are displayed on the client 3 display unit 3a) and command transmission means for transmitting from the information processing apparatus to the peripheral device a command for designating a condition selected among the conditions displayed on the display unit (again note Fig.11 and 12, page 4 where as soon as selected condition, in this case the user name and password were selected and inputted they will be transmitted to the copier).

Regarding claim 2 and 7 Takagi et al disclose: A system according to claim 1, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit (note page 4 paragraph 0078-0084 where the information processing apparatus or client in this case would be sent through the communication connection and also page 3 paragraphs 0056-0064 where the operation al unit 13 is used to input the command to the copier locally).

Regarding claim 3 and 8 Takagi et al disclose: A system according to claim 1, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct (note page 4 paragraph 0084 lines 1-5 where the password and user name is applied for the information processing apparatus and on page 3 paragraph 0064 where those information is applied locally on the copier).

Regarding claim 5 and 10 and 18 and 27 Takagi et al disclose: A system according to claim 1, wherein said peripheral device is either of a printer, a scanner, a copying apparatus, a facsimile apparatus and a composite apparatus (note Fig.10 where the peripheral device is a copier which also acts as printer and scanner).

Regarding claim 11 Takagi et al disclose: A peripheral device for processing a job received from an information processing apparatus, comprising: memory means for storing a condition designatable in the job, as a start condition for starting the processing of the received job (note page 8 paragraph 0150 where the passwords which are the designated conditions are stored in the management table 21c) and transmission means for transmitting information indicating a designatable condition as said start condition to the information processing apparatus (note Fig.11, page 4 paragraph 0084 where the window for managing private print job is displayed as transmission means to communicate with the client 3) in response to the request from the information processing apparatus (note Fig.10 the window configuration of management utility which will be displayed on the client machine, page 4 paragraph

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0078-0080).

Regarding claim 12 Takagi et al disclose: A peripheral device according to claim 11, further comprising: job process means for receiving a control command indicating a condition designated as said start condition from the information processing apparatus and controlling the timing of processing the job from the information processing apparatus (note page 4 paragraph 0078-0084 where the information processing apparatus or client in this case would be sent through the communication connection and also page 3 paragraphs 0056-0064 where the operation al unit 13 is used to input the command to the copier locally).

Regarding claim 13 Takagi et al disclose: A peripheral device according to claim 11, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit, or a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct (note page 4 paragraph 0084 lines 1-5 where the password and user name is applied for the information processing apparatus and on page 3 paragraph 0064 where those information is applied locally on the copier).

Regarding claim 14 Takagi et al disclose: A peripheral device according to claim 13, further comprising: holding means for holding a job for which designated is a condition for starting the job processing in response to a password input and job process means for discriminating, in response to a password input whether the entered

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password is correct, and, in response to discrimination that the entered password is correct starting the processing of the job held by said holding means (note page 4 paragraph 0084 where the print job which is transmitted and stored or held in the storage item 21 of Fig.2 is retrieved and after checking the user name and password of the client is printed).

Regarding claim 15 Takagi et al disclose: A peripheral device according to claim 14, wherein said job process means compares the entered password and the password associated with the received job, and discriminates whether the entered password is correct, based on the result of comparison (note page 8 paragraph 0150 where the old password is changed by acquiring the old password).

Regarding claim 16 Takagi et al disclose: A peripheral device according to claim 14, wherein said transmission means transmits, to the information processing apparatus, information indicating the maximum length of the designatable password with respect to the condition of starting the job processing in response to the password input (note page 8 paragraph 0148 where the old password is changed by acquiring the old password).

Regarding claim 19, 28-29, 44 and 49 Takagi et al disclose: An information processing apparatus for generating a job and issuing the generated job to a peripheral device (note Fig.2 page 4 paragraph 0068 where the generated data is received from the client and stored on storage unit 21) comprising: acquisition means for acquiring (note Fig.10 the window configuration of management utility which will be displayed on the client machine, page 4 paragraph 0078-0080) from the peripheral device information

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indicating a condition designatable in the generated job as a start condition of the peripheral device for starting the processing of the job (note page 4 paragraph 0080 where the selected mode, for example, the print job mode is selected or in this case requested by the client 3) and display control means for displaying, on a display unit the condition designatable as said start condition based on said acquired information (note again Fig.11, paragraph 0083 lines 1-5, where the designated conditions such as user name and password are displayed on the client 3 display unit 3a) wherein transmitted is a command for designating a condition selected among the conditions displayed on the display unit (again note Fig.11 and 12, page 4 where as soon as selected condition, in this case the user name and password were selected and inputted they will be transmitted to the copier).

Regarding claim 21 Takagi et al disclose: An information processing apparatus according to claim 19, wherein the condition designatable as said start condition includes a condition of starting the job processing in response to a start command from the information processing apparatus or a start command from an operation unit (note page 3 paragraphs 0056 and 0057 where the operation of the copy machine could be done by using the control panel 33 locally or through the network by pressing button 32 or Fig.3) or a condition of starting the job processing in response to a password input from the information processing apparatus or a password input from an operation unit and if the entered password is correct (note page 4 paragraph 0084 lines 1-5 where the password and user name is applied for the information processing apparatus and on page 3 paragraph 0064 where those information is applied locally on the copier).



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Regarding claim 22 Takagi et al disclose: An information processing apparatus according to claim 21, wherein said display control means displays on the display unit, an input image for entering the password in response to the selection of the condition of starting the job processing in response to the password input (note Fig.10 and 11 page 4 paragraphs).

Regarding claim 24 Takagi et al disclose: An information processing apparatus according to claim 19, wherein said display control means is adapted, when a driver software for generating the job is activated, to display the condition designatable as said start condition on an image of said driver software (note Fig.10 and 11 paragraphs 0078-0084).

Regarding claim 25 Takagi et al disclose: An information processing apparatus according to claim 19, wherein: said acquisition means acquires information indicating the condition designatable as said start condition from plural peripheral devices; and said display control means displays, in response to the selection of condition, a peripheral device capable of designating the selected condition on the display unit (note page 4 paragraph 0084 where the condition designatable is set for the printer to start printing, also note page 4 paragraph 0079 where several or plurality of copiers could be used).

Regarding claim 26 Takagi et al disclose: An information processing apparatus according to claim 25, wherein a command designating the selected condition is transmitted to a selected peripheral device (note page 4 paragraphs 0079 and 0084).

Regarding claim 31 Takagi et al disclose: A system according to claim 30,

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wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage mode of storing the job in the peripheral device (note pages 3 and 4 paragraph 0064 where the print jobs are stored in the copier to be printed later) and a guarantee mode of processing the job later in case the job cannot be processed completely.

Regarding claim 32 Takagi et al disclose: A system according to claim 30, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device (note page 4 paragraph 0084) a mode of processing an interrupting job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

Regarding claim 33 Takagi et al disclose: A system according to claim 31, wherein said display control means displays in response to the selection of a mode involving the storage of the job in the peripheral device an image for causing selection of plural storage areas in the peripheral device, on the display unit (note page 4 paragraphs 0075-0080 where the display unit 3a give user chance to make selection).

Regarding claim 34 Takagi et al disclose: A system according to claim 30, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment (note page 9 paragraph 0163).

Regarding claim 36 Takagi et al disclose: A method according to claim 35, wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage mode of storing the job in the peripheral device (note pages 3 and 4 paragraph 0064 where the print jobs are stored in the copier to be printed later) and a guarantee mode of processing the job later in case the job cannot be processed completely.

Regarding claim 37 Takagi et al disclose: A method according to claim 35, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device (note page 4 paragraph 0084) a mode of processing an interrupting job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

Regarding claim 38 Takagi et al disclose: A method according to claim 36, wherein said display control means displays, in response to the selection of a mode involving the storage of the job in the peripheral device, an image for causing selection of plural storage areas in the peripheral device, on the display unit (note page 4 paragraphs 0075-0080 where the display unit 3a give user chance to make selection).

Regarding claim 39 Takagi et al disclose: A method according to claim 35, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment (note

page 9 paragraph 0163).

Regarding claim 40 Takagi et al disclose: A peripheral device capable of processing a job received from an information processing apparatus, comprising: memory means for storing information indicating a mode designatable in the job as the process mode of the peripheral device for processing the job (note Fig.10 page 4 paragraph 0078-0084 where the designatable modes are stored and shown on the display such as printing mode or scanning mode) and transmission means for transmitting, to the information processing apparatus, information indicating a mode designatable as said process mode in response to the request from the information processing apparatus (note Fig.10 and 11, page 4 paragraph 0084).

Regarding claim 41 Takagi et al disclose: A peripheral device according to claim 40, wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage mode of storing the job in the peripheral device (note page 4 paragraph 0084) and a guarantee mode of processing the job later in case the job cannot be processed completely.

Regarding claim 42 Takagi et al disclose: A peripheral device according to claim 40, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device (note page 4 paragraph 0084) a mode of processing an interrupting job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case

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the job cannot be processed completely.

Regarding claim 43 Takagi et al disclose: A peripheral device according to claim 40, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment (note page 9 paragraph 0163).

Regarding claim 45 Takagi et al disclose: An apparatus according to claim 44, wherein the mode designatable as the process mode includes at least one of a normal mode of processing jobs in the order of assignment thereof, an interruption mode of processing an interrupting job instead of other jobs, a storage mode of storing the job in the peripheral device (note pages 3 and 4 paragraph 0064 where the print jobs are stored in the copier to be printed later) and a guarantee mode of processing the job later in case the job cannot be processed completely.

Regarding claim 46 Takagi et al disclose: An apparatus according to claim 44, wherein the mode designatable as the process mode includes at least one of a mode of processing jobs in the order of assignment thereof and storing the job in the peripheral device (note page 4 paragraph 0084) a mode of processing an interrupting job instead of other jobs and storing the job in the peripheral device, and a mode of processing jobs in the order of assignment thereof and processing the job later in case the job cannot be processed completely.

Regarding claim 47 Takagi et al disclose: An apparatus according to claim 44, wherein said display control means displays, in response to the selection of a mode

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involving the storage of the job in the peripheral device, an image for causing selection of plural storage areas in the peripheral device, on the display unit (note page 4 paragraphs 0075-0080 where the display unit 3a give user chance to make selection).

Regarding claim 48 Takagi et al disclose: An apparatus according to claim 44, wherein the mode designatable as the process mode includes a deletion mode of deleting the job after the lapse of a predetermined time from the job assignment (note page 9 paragraph 0163).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 4, 9, 17, 20 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takagi et al (Pub. No.: US 20040223177) in view of Freeman (U.S. patent 6,707,574)

Regarding claim 4 and 9 and 17 and 23 Takagi et al does not quite disclose: A system according to claim 1, wherein the condition designatable as said start condition includes at least one of a condition of starting the job processing in response to the reception of the job, a condition of starting the job processing at a designated absolute time, and a condition of starting the job processing after the lapse of a designated relative time. On the other hand Freeman et al disclose: wherein the condition designatable as said start condition includes at least one of a condition of starting the job processing in response to the reception of the job, a condition of starting the job

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processing at a designated absolute time, and a condition of starting the job processing after the lapse of a designated relative time (note Figs.2 and 3, column 2 lines 54-60 where the explicit print job attributes 44 contained within the print job 38 set the printing time for the printer to print the job). Therefore it would have been obvious to a person of ordinary skill in art at the time of the invention to modify Takagi et al's invention according to the teaching of Freeman et al, where Freeman et al in the same filed of endeavor teach the way the print data received from the user would be scheduled to be printed at the specific time for the purpose of user time management and pick up.

Regarding claim 20 Freeman et al disclose: An information processing apparatus according to claim 19, wherein a command for designating the selected condition is transmitted together with the job to the peripheral device (note Figs.2 and 3, column 2 lines 54-60 where the explicit print job attributes 44 contained within the print job 38 set the printing time for the printer to print the job).

### ***Claim Rejections - 35 USC § 101***

5. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

6. Claims 28 and 49 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. A program claimed is merely a set of instructions per se. Since, A program is merely a set of instructions not stored in the computer readable medium to realize the computer program functionality, the claimed subject matter is non-statutory. See MPEP 2106 IV.B.1.

### **Contact Information**

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- Any inquiry concerning this communication or earlier communications from the examiner should be directed to *Saeid Ebrahimi-Dehkordy* whose telephone number is (571) 272-7462.

The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 5:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams, can be reached at (571) 272-7471.

**Any response to this action should be mailed to:**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**Or faxed to:**

(571) 273-8300, (for **formal** communications; please mark  
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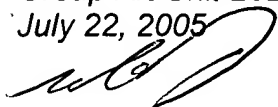
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(703) 306-5406 (for **informal** or **draft** communications, please label  
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**Hand delivered responses** should be brought to Knox building on 501 Dulany Street, Alexandria, VA.

Any inquiry of a general nature or relating to the status of this application should be directed to the Group Receptionist whose telephone number is (703) 305-4750.

Saeid Ebrahimi-Dehkordy  
Patent Examiner  
Group Art Unit 2626  
July 22, 2005



  
**KIMBERLY WILLIAMS**  
SUPERVISORY PATENT EXAMINER